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Declaration under Rule 4.17:

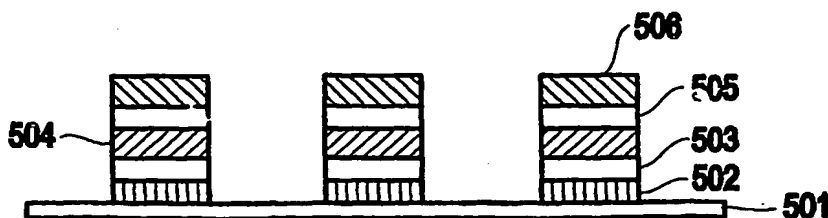
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF SELF-ASSEMBLING ELECTRONIC CIRCUITRY AND CIRCUITS FORMED THEREBY



(57) Abstract: A method of assembling a circuit includes providing a template, enabling a semiconductor material to self assemble on the template, and enabling self-assembly of a connection between the semiconductor material and the template to form the circuit and a circuit created by self-assembly.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 23/12, 23/48

US CL : 257/700, 703, 741, 758-760

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 257/700, 703, 741, 758-760

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,407,443 B2 (Chen et al.) 18 June 2002 (18.06.2002), col. 3 lines 42-59	1, 7, 13
A	US 6,340,822 B1 (Brown et al.) 22 January 2002 (22.01.2002), col. 3 lines 3 lines 48-67 and col. 4 lines 25-65.	1-18
A	US 2001/0023986 A1 (Mancevski) 27 September 2001 (27.09.01), paragraph 40-42.	1-18

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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